

▲ Step-Up Feature



Utilizing a 3.0 Megapixel Imager and a 2.7" Wide (16:9) Hybrid Touch Panel LCD the DCR-DVD403 is the most powerful DVD Camcorder to date. Bring your home movies to life with the DCR-DVD403 featuring the industry's ONLY camcorder which allows you to record Dolby Digital 5.1ch Surround Sound with a built-in microphone.

3.3 Megapixel (Gross) Advanced HAD™ CCD Imager

1/3" Advanced HAD™ (Hole Accumulation Diode) CCD with 2048K (effective) pixels provides stunning detail and clarity with exceptional video (up to 530 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still (3048k) photography performance.

DVD Format Video Recording²

The DVD recording format delivers digital picture and sound quality comparable to that of MiniDV, but on DVD. Playback of the DVDs couldn't be simpler. After finalizing the disc in the camcorder, the disc can play back in most DVD Players, computers and even PlayStation® 2 video game consoles.

10X Optical/120 Digital Zoom

The optical zoom helps to bring the action close up from far away. In addition, the Digital Zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.

▲ Professional Quality Carl Zeiss® Vario-Sonnar® T* Lens

Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones. The additional T* coating on the lens further reduces unwanted glare and flare.

Progressive Shutter System

A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

Super SteadyShot® Picture Stabilization System

An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

2.7" Wide Touch Panel SwivelScreen™ LCD Display (123K Pixels)

The 2.7" Wide (16:9) LCD screen provides excellent viewing clarity with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback, and the widescreen format makes shooting in 16:9 mode and composing shots even easier.

▲ Dolby Digital 5.1ch Recording

The DCR-DVD403 is the industry's first DVD Camcorder that will record in Dolby Digital 5.1ch surround sound, as of January 6, 2005, with a built-in microphone. By recording in 5.1 channel surround sound you can now experience your home movies with active sounds coming from all directions. Enjoy your personal home movies the way you experienced them while recording.

On Screen Zoom and Record Buttons

For addition control of the camcorder, the DCR-DVD403 features Zoom and Record buttons on the frame of the LCD screen. This allows the user more flexibility when holding the camcorder, especially in overhead or low angle shots.

USB 2.0 Interface⁴

USB 2.0 interface provides an easy way to connect your DVD Handycam Camcorder to the computer for fast transfer of video and still images to your computer for editing. The camcorder can also be used as an external DVD burner, convenient for making copies of your DVDs or burning edited movies.

One Touch Wide Angle Shooting

Easily switch between 4:3 and 16:9 aspect ratios for shooting, with just the touch of a button.

Picture Package™ Software

Easily organize still images/video content, and turn them into stunning music videos using the supplied software.

DVD-R/RW and +RW Compatible²

The DCR-DVD403 is compatible with a variety of DVD formats allowing the easy of use and simplicity found in DVD Media. With DVD+RW media there is not a need to finalize the disc (minimum recording required). Simply remove the disc and insert the media into a compatible DVD Player.

Active Interface Shoe

Provides a location directly on the camcorder to which to add optional accessories while providing power and two-way communication to those accessories.

Super NightShot® Infrared System

With Sony's NightShot Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 20 feet away using the built-in infrared system.

Program AE (Auto Exposure) Modes

Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.

Picture Effects

Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in camera and playback modes: Sepia, Monotone, Pastel & Mosaic.

Battery Information

At the touch of a button, battery information is displayed on the LCD screen when charging and when the camcorder is turned off. The display will show how much the battery is charged (approximately), in 10% increments and the recordable time left when using the LCD screen or in the viewfinder.

Manual Focus

Allows the user to manually adjust the focus of the camcorder using the touch panel. Manual focusing also allows the user to control the focus in difficult situations where either the environment or the subject does not allow the camcorder's auto focus to perform optimally, such as when shooting through a window or in a crowded environment.

Easy Handycam Button

Using a camcorder can be intimidating for some people, so with a press of the Easy Handycam button, most of the advanced features of the camcorder are "locked out" leaving only the buttons essential for recording operational.



Sony. Engineered to be effortless.

DCR-DVD403

DVD Handycam® Camcorder

Specifications

Imaging Device: 1/3" 3310K Gross Pixel CCD

Video Actual: 2048K Pixels

Still Actual: 3048K Pixels

F: 1.8 – 2.9

Focal Distance: 5.1 – 51mm

35mm Conversion: 42.8 – 495mm (16:9 Camera Mode)
45 – 450mm (4:3 Memory Mode)
37 – 370mm (4:3 Camera Mode)

Filter Diameter: 30mm

Optical Zoom: 10X

Digital Zoom: 120X

Carl Zeiss® Lens: Yes, Vario-Sonnar® T*

Focusing: Full Range Auto/Manual

SteadyShot Image Stabilization: Yes, Super SteadyShot

Minimum Illumination: 5 Lux (0 Lux with NightShot Plus Infrared System)

NightShot® Infrared System: Super NightShot with Color Slow Shutter

Shutter Speed: 1/4 – 1/4000 (AE Mode)

Viewfinder: Color, 123K Pixels

LCD: 2.7" Color Hybrid Touch Panel (123K)

Accessory Shoe: Yes, Active Interface Shoe

Video Input/Output: Yes/Yes (multi)

Audio Input/Output: Yes/Yes (Stereo, multi)

Interface Connector for Handycam Station: No

USB: Yes; 2.0⁴

USB Streaming: N/A

LANC (Accessory) Terminal: Yes

DVD Media Compatibility: DVD-R/-RW and +RW²

Headphone Jack: N/A

Mic. Input: N/A

White Balance: Auto/Outdoor/Indoor/One-push

Exposure: Yes, Touch Panel (24 steps)

Power Consumption (VF/LCD/VF+LCD):
4.5W/4.9W/5.1W

Dimensions (WHD): 2 ½ x 3 ¾ x 5 ¼"
(62mm x 93mm x 133mm)

Weight: 1lb. 5oz. (620g)

Supplied Accessories: AC-L25 Power Adapter/
In-Camera Charger, NP-FP70 InfoLithium® Rechargeable
Battery, RMT-835 Remote Commander Remote Control,
Stereo AV Cable, DVDR30 DVD Media, USB Cable,
Shoulder Strap, Wrist Strap, CD-ROM with USB Driver
(Picture Package™ Software Ver. 1.5 for Sony)

Service and Limited Warranty

1 Year Parts

90 Days Labor

UPC Code: 027242670075

Optional Accessories

NP-FP70/90 High Capacity InfoLithium™ Batteries

LCS-VA4 Carrying Case

LCS-VA5 Carrying Case


VCL-2030S Telephoto Lens

VCL-HG2030 High-Grade Telephoto Lens

VCL-HG0730 Wide Angle Lens

VCT-R610 Lightweight Tripod

VCT-TK1 Pocket Tripod

Battery Life ¹		
		
Battery (Fully Charged)	Continuous Record Time VF/LCD/VF+LCD	Continuous Playback Time LCD On/Off
NP-FP90	125/115/110 min	190/225 min
NP-FP70	225/205/190 min	245/400 min
* Results may vary depending upon conditions.		

Memory Mode ³		
Still Pictures-Fine/Standard (approx.)		
DVD Media	2016x1512 3.0 Megapixel	640x480 VGA
-R	810/1750	5100/8100
-RW	850/1850	5400/8600
+RW	740/1450	2950/3800

Record Times ³	
Single Sided Discs	
HQ (High Quality)	Up to 20 minutes
SP (Standard Play)	Up to 30 minutes
LP (Long Play)	Up to 60 minutes
* Recording time may vary depending upon the types of images that you are shooting.	

¹ Battery life may vary depending upon usage patterns. Designed for use with Sony InfoLithium® batteries.

² Playback on all home DVD players, computer DVD drives, and PlayStation 2 consoles cannot be guaranteed. Some players, drives, and video game consoles lack the ability to read due to the optical reflection standard of DVD-R/RW discs and /or due to encoding incompatibilities. Refer to the specifications of your playback equipment for additional compatibility information.

³ Image size and file size may vary based upon the type and complexity of the image recorded.

⁴ Not all products with USB 2.0 connector may communicate with each other due to chipset variations.

©2004 Sony Electronics Inc. Reproduction in whole or in part without written permission is prohibited. All rights reserved. Sony, AccuPower, Advanced HAD, Handycam, i.LINK, InfoLithium, Memory Stick, the Memory Stick logo, Memory Stick Duo, Memory Stick PRO Duo, NightShot, Picture Package, Remote Commander, SteadyShot, SwivelScreen, and worryfreedigital are trademarks of Sony. Carl Zeiss and Vario-Sonnar are trademarks of Carl Zeiss. PictBridge is a trademark of CIPA. Microsoft and Windows are registered trademarks of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc. All other trademarks are property of their respective owners. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

SONY®

Sony Electronics, Inc.

16765 West Bernardo Dr., San Diego, CA 92127

www.sony.com/di

For more information: 1.800.222.SONY